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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/709,715	05/24/2004	Kuo-Hsing Cheng	11586-US-PA	3714	
31561 114 NO CHVII	7590 02/20/2008 N INTELLECTIAL PRO	PERTY OFFICE	EXAMINER		
JIANQ CHYUN INTELLECTUAL PROPERTY OFFICE 7 FLOOR-1, NO. 100			MOON, SEOKYUN		
ROOSEVELT ROAD, SECTION 2 TAIPEI, 100		ART UNIT	PAPER NUMBER		
TAIWAN			2629 .		
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		·	NOTIFICATION DATE	DELIVERY MODE	
			02/20/2008	ELECTRONIC	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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USA@JCIPGROUP.COM.TW

<u>-</u>		Application No.	Applicant(s)	
		10/709,715	CHENG, KUO-HSING	
	Office Action Summary	Examiner	Art Unit	
		Seokyun Moon	2629	
Period fo	The MAILING DATE of this communication app	pears on the cover sheet w	vith the correspondence address -	-
A SHO WHIC - Exter after - If NO - Failui Any r	ORTENED STATUTORY PERIOD FOR REPL' CHEVER IS LONGER, FROM THE MAILING Dotsions of time may be available under the provisions of 37 CFR 1.1 SIX (6) MONTHS from the mailing date of this communication. period for reply is specified above, the maximum statutory period or the to reply within the set or extended period for reply will, by statute pely received by the Office later than three months after the mailing and patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUN 36(a). In no event, however, may a will apply and will expire SIX (6) MO c, cause the application to become a	IICATION. a reply be timely filed DNTHS from the mailing date of this communicated ABANDONED (35 U.S.C. § 133).	
Status				
2a)⊠	Responsive to communication(s) filed on <u>28 N</u> This action is FINAL . 2b) This Since this application is in condition for alloward closed in accordance with the practice under E	action is non-final. nce except for formal ma		s is
Dispositi	on of Claims			
5)□ 6)⊠ 7)□	Claim(s) 1-7 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawing claim(s) is/are allowed. Claim(s) 1-7 is/are rejected. Claim(s) is/are objected to. Claim(s) are subject to restriction and/or control is/are object.			
Applicati	on Papers			
10)⊠	The specification is objected to by the Examine The drawing(s) filed on 24 May 2004 is/are: a) Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct The oath or declaration is objected to by the Example 2015.	☑ accepted or b)☐ objute drawing(s) be held in abeyte tion is required if the drawing	ance. See 37 CFR 1.85(a). g(s) is objected to. See 37 CFR 1.12	
Priority u	ınder 35 U.S.C. § 119			-
12)⊠ a)[Acknowledgment is made of a claim for foreign All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority application from the International Bureasee the attached detailed Office action for a list	ts have been received. ts have been received in rity documents have bee u (PCT Rule 17.2(a)).	Application No n received in this National Stage	
2) Notice 3) Information	et(s) se of References Cited (PTO-892) se of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO/SB/08) or No(s)/Mail Date	Paper No	v Summary (PTO-413) o(s)/Mail Date f Informal Patent Application 	

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DETAILED ACTION

Response to Arguments

1. The Applicant's arguments with respect to newly amended claims have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 1-4 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

As to claim 1, the claim discloses undefined characters such as "J", "K", "L", "M", and "N".

Appropriate correction/explanation is required.

As to claims 2-4, the claims are rejected as being dependent upon a base claim rejected under 35 U.S.C. 112, second paragraph.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

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5. Claims 5 and 7 are rejected under 35 U.S.C. 102(e) as being anticipated by Sawabe (US 2003/0146893).

As to **claim 5**, Sawabe teaches a driving method for a pixel array [fig. 2], each row of the pixel array comprising at least one pixel set (two rows of three consecutive pixel electrodes, "R", "G", and "B") [fig. 3 and par. (0106)], at least one of the pixel set comprising a plurality of pixels (the two rows of three consecutive "R", "G", and "B" pixel electrodes), each pixel set corresponding to a data line set [drawing 1 provided on page 4 of this Office Action, which is equivalent to fig. 2 of Sawabe], the driving method comprising:

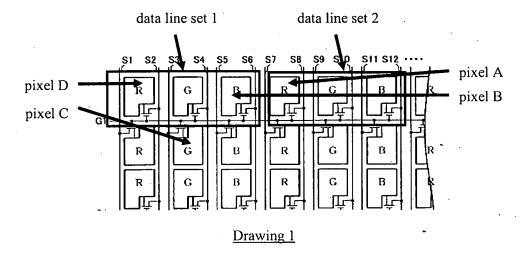
determining whether a prior data line and a recent data line belong to same data line set or not (when the prior data line and the recent data line do not belong to same data line set, the source of the image data applied to each of the prior and the recent data lines are different, and thus it is inherent to determine whether a prior data line and a recent data line belong to same data line set or not, in order to determine the image data to be applied to the data lines.);

wherein when the prior data line ("S6") [drawing 1] and the recent data line ("S8") do not belong to same data line set, the recent data line ("S8") is used to drive the pixel (" $pixel\ A$ ") disposed neighboring the pixel (" $pixel\ B$ ") driven by the prior data line ("S6"), and the pixel (" $pixel\ B$ ") driven by the prior data line ("S6") and the pixel (" $pixel\ A$ ") driven by the recent data line ("S8") are in the same row and driven by the same gate line ("S8"); and

when the prior data line ("S2") [drawing 1] and the recent data line ("S3") belong to same data line set, the recent data line ("S3") is used to drive a pixel (" $pixel\ C$ ") disposed in another row apart from the pixel (" $pixel\ D$ ") driven by the prior data line, wherein the pixel (" $pixel\ D$ ") driven by the prior data line and the pixel (" $pixel\ C$ ") driven by the recent data line are driven by the same gate line ("G1").

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As to claim 7, Sawabe teaches that a number of the pixels of each of the pixel set is 3*M ("6") [fig. 2], wherein M ("2") is a positive integer.

Claim Rejections - 35 USC § 103

- 6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 7. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Sawabe.

Sawabe teaches that each of the pixel sets comprises six pixels.

Sawabe does not expressly teach each of the pixel sets comprising three pixels.

However, since the Applicant have failed to disclose specifying the number of pixels included in each of the pixel sets as being three provides an advantage, is used for a particular purpose, or solves a state problem, it would be an obvious matter of design choice to specify the number of pixels in each of the pixels sets as being three.

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Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include any one of three, six, nine, ..., and 3*M (wherein M is an integer) pixels in each of the pixel sets since specifying the number of pixels included in each of the pixel sets as being any one of three, six, nine, ..., and 3*M would perform equally well at reducing cross-talk (the purpose of the instant invention) [Specification: paragraph (0019)].

Conclusion

7. The Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Seokyun Moon whose telephone number is (571) 272-5552. The examiner can normally be reached on Mon - Fri (8:30 a.m. - 5:00 p.m.).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sumati Lefkowitz can be reached on (571) 272-3638. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application

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February 12, 2008

- s.m.

SUPERVISORY PATENT EXAMINER